# METEOROLOGICAL OBSERVATIONS, 1912–13.

ST. VINCENT

# METEOROLOGICAL RETURNS.—April 1st 1912 to March 31st, 1913.

**Observations taken at Botanic Station, 206 Feet Above Sea Level.**

## *Observations at 9 a.m.*

| Month. | Rainfall. | | | | Average daily mean Temperature. | Thermometer. | | Barometer. | | | Number of observations of Wind—at 9 a.m. | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total inches. | No. of days rain fell. | Day of greatest rainfall. | No. of inches. | | Highest Maximum. | Lowest Minimum. | Highest reading. | Lowest reading. | Mean for Month. | E. | N.E. | S.E. | S.W. | S. | N.W. | N. | W. | Calm. |
| April | 4·45 | 22 | 12th | ·95 | 78·4 | 88 | 68 | 30·088 | 29·944 | 30·017 | 4 | 13 | 5 | — | 1 | 1 | 1 | — | 4 |
| May | 2·71 | 17 | 19th | ·43 | 79·4 | 87 | 73 | 30·073 | 29·940 | 30·007 | 5 | 11 | 4 | 1 | 1 | — | 3 | — | 2 |
| June | 6·23 | 26 | 30th | 1·35 | 79·7 | 87 | 71 | 30·078 | 29·985 | 30·036 | 1 | 10 | 9 | — | 1 | — | 4 | — | 3 |
| July | 8·79 | 29 | 30th | 2·78 | 79·9 | 87 | 72 | 30·063 | 29·920 | 29·995 | — | 13 | 6 | 1 | — | 1 | 1 | 2 | 5 |
| August | 9·59 | 29 | 14th | 2·05 | 80·0 | 87 | 73 | 30·035 | 29·935 | 29·985 | 1 | 13 | 8 | 1 | 1 | — | 3 | — | 1 |
| September | 6·35 | 19 | 30th | 1·54 | 80·6 | 89 | 71 | 30·035 | 29·897 | 29·936 | 2 | 4 | 7 | 3 | 2 | — | — | 2 | 10 |
| October | 11·51 | 21 | 6th | 2·15 | 81·1 | 89 | 72 | 30·007 | 29·865 | 29·948 | 6 | 9 | 7 | — | 1 | — | — | — | 5 |
| November | 10·91 | 24 | 17th | 1·00 | 79·8 | 90 | 72 | 30·035 | 29·882 | 29·955 | 1 | 5 | 4 | 1 | — | 1 | 1 | 1 | 14 |
| December | 11·93 | 23 | 18th | 3·04 | 78·1 | 86 | 70 | 30·017 | 29·875 | 29·958 | 2 | 10 | 1 | 1 | — | — | — | 3 | 10 |
| January | 11·05 | 24 | 24th | 1·59 | 76·5 | 84 | 68 | 30·067 | 29·908 | 30·004 | — | 12 | 7 | 2 | — | 1 | — | — | 5 |
| February | 4·29 | 16 | 16th | 1·26 | 73·5 | 83 | 69 | 30·121 | 29·957 | 30·035 | — | 13 | 2 | 3 | — | 3 | 1 | — | 2 |
| March | 7·08 | 25 | 9th | 1·18 | 74·4 | 83 | 69 | 30·089 | 30·010 | 30·046 | — | 15 | 6 | 3 | — | — | — | 1 | — |

## *Observations at 3 p.m.*

| Month. | Barometer. | | | Number of observations of Wind—at 3 p.m. | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Highest reading. | Lowest reading. | Mean for Month. | E. | N.E. | S.E. | S.W. | S. | N.W. | N. | W. | Calm. |
| April .. .. | 30·027 | 29·905 | 29·960 | 1 | 11 | 3 | — | — | 1 | 2 | — | 4 |
| May .. .. | 30·002 | 29·905 | 29·962 | 3 | 12 | 4 | 1 | — | — | 2 | — | 2 |
| June .. .. | 30·025 | 29·879 | 29·985 | 1 | 17 | 2 | — | 1 | — | 2 | — | 1 |
| July .. .. | 30·004 | 29·885 | 29·951 | 4 | 7 | 5 | — | 1 | 1 | 2 | — | 6 |
| August .. .. | 30·002 | 29·880 | 29·939 | 5 | 9 | 4 | 2 | 1 | 2 | — | 1 | — |
| September .. .. | 29·962 | 29·837 | 29·897 | 5 | 5 | 4 | — | — | — | 3 | — | 7 |
| October .. .. | 30·017 | 29·839 | 29·882 | 2 | 9 | 5 | — | — | — | — | — | 5 |
| November .. .. | 29·930 | 29·809 | 29·871 | 2 | 8 | 1 | — | — | 1 | 1 | — | 11 |
| December .. .. | 30·030 | 29·852 | 29·900 | 1 | 6 | — | 1 | — | 1 | 1 | — | 10 |
| January .. .. | 30·000 | 29·870 | 29·935 | 2 | 8 | 4 | — | — | — | — | — | 5 |
| February .. .. | 30·020 | 29·890 | 29·952 | — | 14 | 1 | — | — | — | — | — | 1 |
| March .. | 30·020 | 29·882 | 29·973 | 1 | 14 | — | 1 | — | 1 | — | 2 | 1 |

## TEMPERATURE.

The mean monthly temperature was 78° F. September was the hottest month with a temperature of 80·6° F. February was the coolest month with 73·5° F.

## BAROMETER.

The corrected reading of the barometer ranged between 30·121 inches on February 27th, and 29·809 inches on November 6th.

## RAINFALL.

The rainfall recorded during the year 1912-13 was 94·89 inches. Rain was recorded on 275 days. The wettest month was December with 11·93 inches. May was the driest month with 2·71 inches. The day of heaviest rainfall was December 8th, when 3·04 inches were measured.

W. N. SANDS, *F.L.S.*,
*Agricultural Superintendent.*

May, 1913